

seed, out of season seed, 5-20-20 fertilizer and mulch will not be measured but the cost will be incidental to this item.

706.04.02 Liming Nontopsoiled Areas per ton.

706.04.03 Applying 38-0-0 (UF) Fertilizer per pound.

706.04.04 Refertilizing 0-20-20 and 38-0-0 (UF) per pound for the combined weight of both fertilizers.

SECTION 707 — WILDFLOWER SEEDING

707.01 DESCRIPTION. This work shall consist of wildflower seeding as specified in the Contract Documents or as directed by the Engineer.

707.02 MATERIALS.

Water	920.08.01
Herbicide	920.08.07
Marking Dye	920.08.08
Wildflower Seed Mix and Companion Seed Mix	Furnished by the Administration

707.03 CONSTRUCTION.

707.03.01 Seeding Seasons. Seeding shall be done in each Region during the time listed when the ground is not frozen. Refer to Section 705 for Regions:

REGIONS	SEEDING DATES
1	Sept. 1 to May 1
2	Oct. 1 to April 15
3	Oct. 15 to April 15

Refer to 705.01.01 for Regional Areas.

707.03.02 Pesticide Application. All pesticide applications shall be as specified in the Maryland Pesticide Applicator’s Law and in conformance with the manufacturer’s recommendations. All pesticide applications shall be performed under the supervision of a Certified Applicator of Pesticides (Category III A or VI).

Herbicide. All vegetation in the seeding area shall be eradicated prior to seeding by use of a herbicide. The herbicide shall be glyphosate with a wetting agent mixed with water and a water soluble marking dye, applied at the following rates:

Herbicide — 5 lb per acre of active ingredient

Marking Dye — 6 to 15 oz per acre

Water — 40 to 50 gal per acre

Reports. The Contractor shall submit daily herbicide application reports to the Engineer using Administration forms.

707.03.03 Mowing. A minimum of two weeks after herbicide treatment, the area to be seeded shall be mowed to a maximum height of 1 in. Clippings shall be removed prior to seeding.

707.03.04 Seeding. Seeding shall consist of soil preparation and sowing seed.

(a) Soil Preparation.

- (1) Soil preparation is not required when using a drill seeder.
- (2) Seeding area shall be rototilled to a depth of 1 in. prior to seeding when using a broadcast seeder.

(b) Equipment. Seeding equipment shall be approved by the Engineer. Seeds shall be planted using a drill or broadcast seeder. If a drill seeder is used, it shall be equipped with three seed boxes.

(c) Methods.

- (1) **Drill Seeding.** Seed shall be premixed and placed in the seed boxes A, B, and C as noted in (d). Seed mix shall be drilled through the dead turf and thatch into the soil to a depth of 1/4 in.
- (2) **Broadcast Seeding.** All seed listed in (d) for boxes A, B, and C shall be combined and uniformly mixed with calcine clay carrier (cat litter). Seed mix shall be spread in a criss-cross pattern. After spreading the mixture shall be lightly raked or dragged to a maximum depth of 1/8 in.

(d) Mixes and Seeding Rates.

MATERIAL	LB PER ACRE
BOX A – WILDFLOWER and COMPANION SEED	
Spurred Snapdragon	0.50
Plains Coreopsis	1.00
Corn Poppy	1.00
Black Eyed Susan	1.00
Scarlet Sage	0.50
Lemon Mint	0.50
Shasta Daisy	0.20
New England Aster	0.20
Siberian Wallflower	0.50
Evening Primrose	0.10
White Yarrow	0.20
California Poppy	1.00
Hard or Sheep Fescue	10.00
BOX B – WILDFLOWER SEED	
Dames Rocket	1.00
Rocket Larkspur	0.50
Tall Cornflower	1.25
Purple Coneflower	2.00
Lance-Leaf Coreopsis	1.00
Yellow Cosmos	0.25
Purple Cosmos	0.25
Sweet William	0.50
Crimson Clover	1.00
BOX C – FLUFFY WILDFLOWER SEED	
Firewheel	0.20
Blanket Flower	1.00
Calendula	0.50
Sunflower Autumn Beauty	0.20

707.04 MEASUREMENT AND PAYMENT. Wildflower Seeding will be measured and paid for at the Contract unit price per square yard. The payment will be full compensation for herbicide, marking dye, mowing, soil preparation, and seeding (excluding the cost of wildflower and companion seed) and for all material, labor, equipment, tools, and incidentals necessary to complete the work.